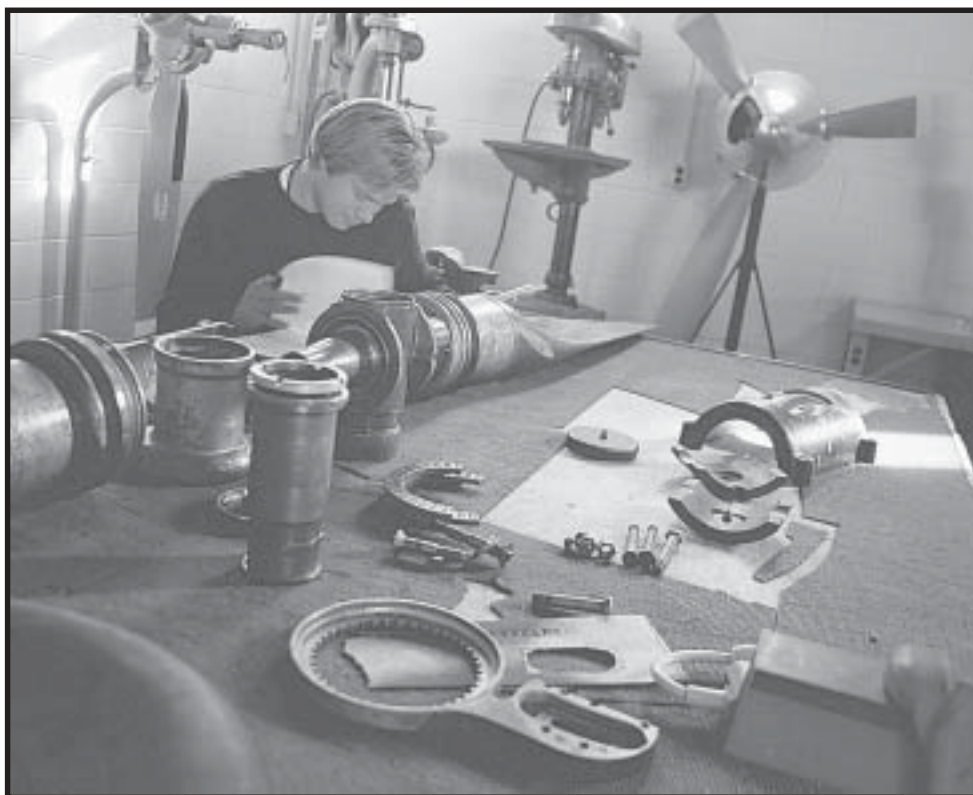




Volume 55, Number 1

# General Aviation Exhibit & Maintenance Seminar



*A student at Lewis University working in a parts room.*

## 29th Annual Aviation Maintenance Seminar

The popular General Aviation Maintenance/Exhibit Seminar will be held at Lewis University, Romeoville, Ill., on March 12-13. The event is sponsored by the Illinois Department of Transportation's Division of Aeronautics, Federal Aviation Administration, Lewis University and Professional Aviation Maintenance Association (PAMA).

The program will benefit aircraft mechanics, pilots, aircraft home builders and aviation enthusiasts. Individuals can also qualify for their IA renewals on-site through any combination of eight hours of classroom attendance, including the required FAA classes.

This seminar will be the FAA's primary IA renewal course in the Chicago area for 2003. There is no registration fee for this seminar.

*Continued on  
page 4*



**Illinois Department of Transportation**  
Division of Aeronautics



Note from the Director

by Hugh Van Voorst

I would like to take this opportunity to personally thank outgoing Governor George Ryan for his leadership and vision in preserving and building Illinois airport capacity.

Governor Ryan personally visited a large number of airports in our state's system and he is an enthusiastic advocate of aviation. Our state's aviation system has seen a number of improvements in the last four years thanks to Governor Ryan's *Illinois First* program: new and lengthened runways, AWOS upgrades and expansion, and improving future capacity by acquiring land for a new airport at Peotone. As users of the system we all benefit from these improvements.

Additionally his nationally recognized agreement with Mayor Richard Daley helped preserve Meigs Field. Meigs has long been recognized as a key economic tool for Illinois business. The state will gain long-term economic and quality-of-life benefits from this agreement.

We would like to recognize a number of division employees who recently participated in the state's early retirement program. These employees have all served the state in a responsible and professional manner that should make the aviation community proud.

Thank you for your service and enjoy your retirement. You will all be missed.

Robert Aberle	Paul Kramer
Gary Anderson	William Lang
Richard Austin	Jerry Lay
Carol Bellm	Ernie Lonas
Larry Bray	Mike Manhart
Dave Buck	Gary McDonal
Allen Buckholz	John Pedersen
Steve Cooper	Gary Reichert
Ed Freed	Roger Riggs
Don Gamble	Harry Smedley
Robert Giovannoni	Benny Thome
John Hauch	Jon Walpole
Mike Haun	Dick Wussler
Robert Hess	Steve Yandell

## Aeronautics Employee Receives Award

The National Association of State Aviation Officials (NASAO) presented its 2002 State Aviation Distinguished Service Award to Terrence L. Schaddel, airport planning engineer & environmental officer with the Division of Aeronautics.

Schaddel attended the University of Illinois where he received both his bachelor's and master's degrees in civil engineering. He has developed several innovative programs and standards for the submission of airport planning and environmental documents. The use of pavement condition index (PCI) ratings and micro-paver programs for airports was carried over from his work/studies at the University of Illinois.

He has instituted requirements for the creation of electronic standards for airport layout plans (ALP) in computer aided drafting (CAD) and for geographic information systems (GIS) in Illinois. Schaddel also has acquired his private and instrument pilot ratings.

For more than 20 years he has provided guidance to airport sponsors and consultants statewide on airport planning and environmental issues. Some of the notable projects include the Rockford air cargo hub development; primary runway extensions at Moline, Peoria, Champaign and Decatur; new airports at Pontiac, Peru and Mt. Sterling; private airport retention in suburban Chicago, reliever airport expansion near Chicago and St. Louis and commercial service development at O'Hare, Midway, South Suburban and Mid-America St. Louis.

Other past NASAO award winners from the Division of Aeronautics include Jan Draper, Jim Bildilli, Roger Barcus (retired) and Paul Kramer.



*Shown above Terrence Schaddel 2002 NASAO winner, Director of Aeronautics, Hugh VanVoorst, Jan Draper 1994 winner, Jim Bildilli 1995 winner and Paul Kramer 1999 winner.*

## H49



by Sara DiSantis

## Columbia – Sackman Field named Private Airport of the Year

During the 2002 Illinois Aviation Conference, Columbia-Sackman Field Airport was announced as the Private Airport of the Year. The airport was started in 1961 and was originally called I-B Airport. At that time the runway was 1,915 feet and positioned as E/W (11/29). Today, Sackman Field's grass runway has been repositioned as NW/SE (03/21) and is 2,450 feet.

The Columbia Flying Club has been the certificate holder since 1992. Currently, Sackman Field handles around 6,000 operations per year and bases 50 aircraft. This privately-owned airport's board members have been responsive to the needs of the area's general aviation pilots. All accommodations and projects are privately funded without the help of any local, state or federal dollars.

The Division of Aeronautics would like to congratulate Don Karr, airport manager, and everyone who helped contribute to Columbia-Sackman Field's success as 2002 Private Airport of the Year.



## Maintenance Training It's Good for All

By Kerry J. Gambrel  
FAA, Airworthiness Safety Program Mgr., SPI-FSDO

There are almost 11,000 aircraft registered in Illinois, and fewer than 7,000 certified A&P mechanics responsible for maintaining them. Of these, only 627 hold inspection authorizations. Why is this important to note? Because in this day and age, newer aircraft are becoming much more complex, and the aging aircraft fleet is demanding increasing maintenance for them to remain airworthy. I'm talking about the need for training in the aircraft technician workforce.

It has been my experience that technician training is received in three ways – *by desire, by need, or by the way, you're going!* Has anyone looked under the cowl of a new high performance single or twin lately? Some owner/operators still assume that you can give a technician a maintenance manual and they instantly become all knowing and all wise.

Unfortunately, the A&P workforce continues to shrink. Those who remain bear the responsibility to adapt to the technological advances that have taken place in this industry. Some technicians still only attend training sessions when forced to. Do you blame them? Besides, they've *"been doing this for 20 years!"* For some, I think it's the old dog, new trick syndrome. Next time you get your aircraft worked on see when the last time your technician received any training.

The need for maintenance technician training is greater now than ever before. Its not just the technical training I'm talking about because FAA regulations, orders and other guidance keep changing all the time. If your technician does not stay abreast of these changes, it could put you as the owner/operator at risk of possible FAA enforcement action.

14 CFR, Part 65, 65.95, states in part that a certificated technician may not exercise the privileges of his/her rating unless they understand the *current* instructions of the manu-

facturer, *and* the maintenance manuals for the specific operation concerned. Take the time to look at some of the manufacturer's manuals and you will quickly come to understand, that without appropriate training, comprehending the instructions is almost impossible.

The FAA understands the short-term burdens placed upon organizations that expend time and money training their technicians, but the rewards gained by this training far exceed those burdens. Employers should take pride in being able to boast of the training their technicians receive. Not only will that training improve the quality of the work performed, and the timeliness in which it is performed, but it will also keep customers coming back for service.

Why then, do owners/operators still at times shop around for the cheapest rate possible for aircraft maintenance? This is definitely one business where less is not more. When an organization passes training costs on to you you should feel relieved and comforted by the fact that your aircraft is receiving the best possible maintenance available by an aircraft technician who has gone that extra mile to improve himself.

The FAA Safety Program sponsors the Aviation Maintenance Technician Awards Program to acknowledge those individuals and organizations that aggressively participate in initial and recurrent maintenance training. FAA certificates of training are issued to those that meet the criteria found in Advisory Circular 65-25B.

For further information contact the Springfield, Ill., Flight Standards District Office, at (217) 744-1910.

## FAA Approved IA Renewal Seminars

Feb. 12, 2003  
Galesburg, Ill.

Feb. 20, 2003  
Rantoul, Ill.

March 6, 2003  
Carbondale, Ill.

These seminars are free  
and open to the public.  
For more information contact:  
Kerry Gambrel  
SPI-FSDO  
(217) 744-1910

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# Illinois Ultralight and Light Plane Seminar

The 23<sup>rd</sup> Annual Illinois Ultralight and Light Plane Seminar will be held Saturday Feb. 22<sup>nd</sup>, in the Illinois Building Auditorium at the Illinois State Fairgrounds in Springfield.

The Illinois Building features a 400-seat theater and a 12,270 square-foot auditorium for vendor and aircraft displays. The display will include ultralights, and accessories representing ultralight/sport/recreational type aircraft. Anyone interested in having something on display should contact Dale Rust at (217) 524-5269 or rustdl@nt.dot.state.il.us, or Roy Bieswenger, Illinois Ultralight Advisory Council, at (618) 664-9706 or roy@easyfly.com.

Registration will be from 8 – to 9 a.m. Coffee, doughnuts and other refreshments will be available. Arrive early to view the exhibits. A catered lunch at noon is planned.

The headquarters hotel will again be the Howard Johnson Inn & Suites located two miles south of Capital Airport at 1701 J. David Jones Parkway (Rt. 29). The phone number is (217) 541-8762. Make your reservation early if planning to arrive the night before. Mention the *Illinois Ultralight Advisory Council* for the special rate.

Rooms will be held until Feb. 8<sup>th</sup>. Other hotel/motel options are: Drury Inn & Suites at 3180 South Dirksen Parkway, (217) 529-0171, and the Red Roof Inn at 3200 Singer Ave. (off of Dirksen Parkway), (217) 753-4302.

The Ultralight & Light Plane Seminar sponsors are the Illinois Ultralight Advisory Council, Illinois Department of Transportation's Division of Aeronautics and Federal Aviation Administration.



# 29th Illinois General Aviation Exhibit/Maintenance Seminar Program March 12 - 13

## General Information

The seminar will be accessible by either ground or air transportation. Attendees will be expected to make their own arrangements for food and lodging. Some nearby hotels are listed below:

## Hotel Accommodations

<b>Fairfield Inn</b>	Joliet Inn
<b>3239 Norman Ave.</b>	I 55 & Route 52
<b>Joliet, Ill. 60435</b>	Shorewood, Ill.
<b>(815) 436-6577</b>	(815) 725-2180
<b>Conference Rate: \$54.95 Double</b>	

## If you have any questions contact:

Don Cramer	Mike Streit
IDOT-Aeronautics	5005 Independence Blvd.
Capital Airport	Romeoville, Ill.
Springfield, Ill.	(815) 836-5431
(217) 785-5798	Fax (815) 838-914

## Who should Attend?

- aircraft mechanics
- aircraft pilots
- home builders
- anyone interested in aviation

We are expecting more than 40 exhibits on aircraft, equipment and services.

## ATTENTION Holders of Inspection Authorizations

You will be able to renew your inspection authorization by attending eight lectures. Your attendance will be registered at each lecture and representatives from the DuPage FSDO will be available to accept applications for renewal.

Renewals can also be accomplished by activity reports as required by regulation.

## Program Schedule

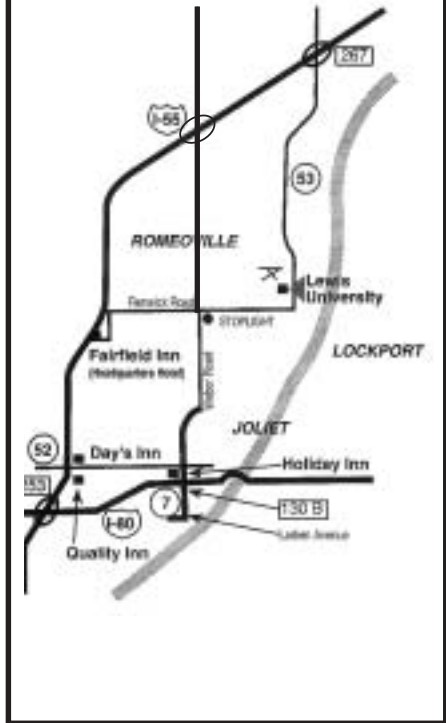
### March12

0800	Registration and Display Booth Area Open
0900	Classtime
1000	Break, Welcome and Announcements Display Booth Area Open
1100	Classtime
1200	Lunch Break - Display Booth Area Open
1300	Classtime
1400	Break-Display Booth Area Open
1500	Classtime
1600	Classtime

### March13

0730	Registration for One-Day-Only Participants
0800	Classtime
0900	Break - Display Booth Area Open
1000	Classtime
1100	Classtime
1200	Lunch Break - Display Booth Area Open
1300	Classtime
1400	Break - Display Booth Area Open
1500	Classtime
1600	Classtime
1700	Classtime
1800	Classtime
1900 - 2200	(to be announced)

## Seminar Location Map



Students at Lewis University working on an aircraft.

## Maintenance Technician Awards Program

This training seminar makes you eligible to participate in the Aviation Maintenance Technician Award Program. Your attendance will be registered at each lecture and applications will be available for you.

The program's purpose is to serve as an incentive for individual technicians to actively participate in recurrent and initial training programs on their own initiative or training programs subsidized by their employer.

## Program Topics

### Corporate

NDT  
Optical Scopes  
Liability  
Window Repair  
FAA  
Avionics Approvals  
APUs  
Inspections

### General Aviation

Propeller  
Data Systems  
Oil  
Parts  
Engines Turbine  
Engines Recip.  
Carbs  
Magnetos

### Repair Stations

FAA  
Hoses  
Tires  
Paper Work  
Unapproved Parts  
Spark Plugs  
Hazardous Waste  
Batteries

### Rotary Wing

Balancing  
Composites  
FAA  
ELTs  
Corrosion  
LAW for Mechanics  
Insurance  
Fuel Cells

# Contractor of the Year Awards Announced

The Associated General Contractors of Illinois and the Illinois Department of Transportation presented the 96<sup>th</sup> Annual Convention Contractor of the Year Awards luncheon. The luncheon was held in Springfield at the Crowne Plaza on Dec. 10, 2002. The awards are presented to contractors who exemplify job excellence. This year's airport winners are:

**Primary Airport Large Project Award of Excellence went to:**

Champaign Asphalt Company  
Resident Engineer - Lew Alexander of Crawford, Murphy and Tilly, Inc.  
Project Supervisors - Stan Butts and George Sunday  
The award-winning project was runway 14R-32L construction at the University of Illinois - Willard Airport in Savoy.

**Primary Airport Small Project Award of Excellence went to:**

Foley Construction Company  
Resident Engineer - Loren Rains of Missman, Stanley & Associates  
Project Supervisor - Frank Schuetzler  
The award-winning project was the earthwork and drainage for the extension of taxiway K at the Quad City International Airport in Moline.

**General Aviation Airport Large Project Award of Excellence went to:**

Plote Construction, Inc.  
Resident Engineer - Marc Katz of Crawford, Murphy and Tilly, Inc.  
Project Supervisor - Randy Rathmann  
The award-winning project was runway 16-34 reconstruction at Palwaukee Municipal Airport in Prospect Heights/Wheeling.

**General Aviation Airport Small Project Award of Excellence went to:**

Ambrow Asphalt Materials, Inc.  
Resident Engineer - Jeremy Bishoff of Hanson Professional Services, Inc.  
Project Supervisor - Troy Zeigler  
The award-winning project was the reconstruction of the aircraft apron at Robinson Municipal Airport in Robinson.

**Plote Construction, Inc.**



**Champaign Asphalt Company**



**Ambrow Asphalt Materials, Inc.**





## GA Airport Security— It's Everyone's Job

By Brad Clearwater



### Remaining Vigilant....

**vig-i-lant** (vĭj'ē-lent) *adjective*  
On the alert; watchful.

(The following article is a preview of what the 2003 Illinois Aviation Conference offers.)

General Aviation Security; it's one of the things we only seem to think about *after* something bad happens. Rarely do we see it as something we need to do to *prevent* something bad from happening in the first place.

I suppose I'm as guilty as anyone. I see events happening in foreign countries and assorted places around our own country like New York and Florida; but, I don't dwell on how the same thing could happen to us in Illinois.

I didn't think that way on Sept. 11, 2001, or the months that followed. We all had to start thinking about the possibility that it could happen to us—that our airport could be used to harbor those who would use our own freedoms against us. Nothing in that regard has really changed.

The hindsight view of the terrorist attacks has shown patient planning of months and years in advance of one well coordinated day of activity. Terrorists were in our country training, flying, working *and hiding in plain sight*.

The *bad guys* are still out there. They still see our freedoms of life as a weapon to use against us and they are willing to be patient in their cause.

Time has a way of shifting our focus and we move on to other things in aviation, like the cost of flying, insurance, staying current and just *getting airborne*. Security slips way down the list—it *shouldn't*.

The best security patrol an airport has is you. You (*should*) know what fits in the normal activities of your airport and what doesn't. If it looks out of the ordinary, give it a second look.

Periodically, you see reminders from the government (FAA, FBI, TSA, homeland security, etc.) to REMAIN VIGILANT, along with a list of things to watch for, actions to take and measures to follow. You should consider them at the top of your aviation activities.

The most challenging of these recommended actions is to REMAIN VIGILANT. Complacency makes it hard to "keep the guard up," but *vigilance* really is the most effective way to deter those that would cause harm to aviation—*provided we all participate*.

The Aircraft Owners & Pilots Association recently worked with the U.S. Transportation Security Administration to create a toll free number that can be used nationwide to report suspicious activities at your airport, or any that you visit. Keep the number in your flight bag, post it on airport bulletin boards, and REMAIN VIGILANT—the reward is protecting us all.

Illinois Aviation Conference  
April 15-16, 2003  
The Gateway Center  
Collinsville, Ill.

conference hotel  
Holiday Inn Collinsville

hotel reservations : (815) 551-5133  
(ask for Illinois Aviation Conference rate)

Hall of Fame Banquet at Holiday Inn  
conference inquiries to Brad Clearwater  
(217) 785-8380

Watch for the next issue of *Illinois Aviation*  
for complete details.



Transportation Security  
Administration

(866) GA SECURE  
(866) 427-3287

The Transportation Security Administration (TSA) needs your help!

On December 2, 2002, TSA implemented a national toll free hotline that the general aviation (GA) community can use to report any "out-of-the-ordinary" event or activity at GA airports. The hotline is operated by the National Response Center and centralizes reporting to the appropriate local, state and federal agencies.

Help ensure the security of GA aircraft and airport operations across the country. Call (866) GA SECURE to report any suspicious activity at YOUR airport.



# Illinois Ultralight & Light Plane Seminar Saturday, Feb. 22, 2003

Illinois State Fair Grounds  
Springfield, Ill.

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